"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308310017-8

28651
S/020/61/139/006/018/022
B103/B101

Organotin and organolead derivatives...

ASSOCIATION: Vsesoyuznyy nauchno-issledovatel'skiy vitaminnyy institut (All-Union Scientific Research Institute of Vitamins)

PRESENTED: March 15, 1961, by N. N. Semenov, Academician

SUBMITTED: March 8, 1961

Legend to Table 1: (1) no. of preparation; (2) compound; (3) melting point; (4) yield; (5) analysis; (6) found; (7) calculated; (a) n-; (b) iso-.

Card 4/5

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308310017-8

ZHDANOVICH, Ye.S.; CHEKMAREVA, I.B.; BAULINA, G.A.; KAPLINA, L.I.

Improved method for producing nicodin. Med. prom. 16 no.3:25 Mr '62.
(MIRA 15:5)

1. Vsesoyuznyy nauchno-issledovatel'skiy vitaminnyy institut.
(NICOTINIC ACID)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308310017-8"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308310017-8

CHEKMAREVA, I.B.; ZHDANOVICH, Ya.S.; NOVOPOKROVSKAYA, T.S.; PREOBRAZHENSKIY, M.A.

Preparation of β-pyridinecarboxylic acid (nicotinic) amide. Zhur.prikl.khim. 35 no.5:1157-1159 My '62. (MIRA 15:5)

1. Vsesoyuznyy nauchno-issledovatel'skiy vitaminnyy institut.
(Nicotinamide)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308310017-8"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308310017-8

ZHDANOVICH, Ye.S.; CHEKMAREVA, I.B.; NOVOPOKROVSKAYA, T.S.; PREOBRAZHENSKIY, N.A.

Preparation of β-pyridinecarboxylic (nicotinic) acid amide. Zhur.ob.khim. 32 no.9:2828-2829 S '62. (MIRA 15:9)

1. Vsesoyuznyy nauchno-issledovatel'skiy vitaminnyy institut.
(Nicotinamide)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308310017-8"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308310017-8

CHEKMAREV, I.B. (Leningrad)

Flow between parallel walls in a periodic magnetic field.
PMTF no.5:144-145 S-O '63. (MIRA 16:11)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308310017-8"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308310017-8

CHEKMAREVA, I.B.; TRUBNIKOV, V.I.; BEREZKIN, V.G.

Chromatographic analysis of the products of vapor-phase oxidizing ammonolysis of quinoline. Zhur. anal. khim. 19 no.3:395-396 '64. (MIRA 17:9)

1. Vsesoyuznyy nauchno-issledovatel'skiy vitaminnyy institut i Institut neftekhimicheskogo sinteza imeni Topchiyeva AN SSSR, Moskva.

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308310017-8"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308310017-8

CHEKMAREVA, I.B.; ZHDANOVICH, Ye.S.; LUSHCHIK, T.A.; PREOBRAZHENSKIY, N.A.

Separation of nicotinamide by the ion-exchange method. Zhur.org. khim. 1 no.2:375-379 F '65. (MIRA 18:4)

1. Vsesoyuznyy nauchno-issledovatel'skiy vitaminnyy institut.

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308310017-8"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308310017-8

CHERNAYEVA, I.B.; ZHDANOVICH, Ye.S.; PRYANISHNIKOV, V.A.

Production of β-pyridinecarboxylic (nicotinic) acid. Zhur. prikl. khim. 38 no.1:220-221 Ja '65. (MIRA 18:3)

1. Vsesoyuznyy nauchno-issledovatel'skiy vitaminnyy institut.

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308310017-8"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308310017-8

CHEKMAREVA, I.B.; ZHDANOVICH, Ye.S.; REZNIK, A.I.; PREOBRAZHENSKIY, N.A.

Preparation of quinolinic and nicotinic acids. Zhur.prikl.khim. 38 no.3:707-708 Mr '65. (MIRA 18:11)

1. Vsesoyuznyy nauchno-issledovatel'skiy vitaminnyy institut. Submitted June 10, 1963.

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308310017-8"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308310017-8

CHEKMAREVA, I.B.; ZHDANOVICH, Ye.S.; PREOBRAZHENSKIY, N.A.

Catalytic hydration method for the preparation of nicotinamide from nicotinonitrile. Zhur. prikl. khim. 38 no. 10:2387-2388 O '65. (MIRA 18:12)

1. Vsesoyuznyy nauchno-issledovatel'skiy vitaminnyy institut. Submitted April 15, 1964.

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308310017-8"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308310017-8

CHEKMAREVA, L. J.

Mosk. Khimicheskiy tekhnologicheskiy institut

Sbornik [Chemical Technology of Silicate Materials] Minsk, Red-izd. otdel IVT imeni I. V. Stalina, 1960. 165 p. (Series: Its: Trudy, vyp. 22) 1,000 copies printed.

Editorial Board: M. A. Bezborodov (Resp. Ed.) Academician, Academy of Sciences BSSR, L. A. Zhukhin, Candidate of Technical Science; N. N. Tarasenko, Candidate of Technical Science; F. F. Mikhalevich, Candidate of Technical Science; Resp. Ed. for this issue: L. A. Zhukhin; Ed.: N. V. Bogdanova; Tech. Ed.: F. Z. Bel'mesch.

PURPOSE: This book is intended for chemists and technicians interested in the physicochemical properties and the production of glass.

COVERAGE: The collection contains 20 articles which give data on the synthesis and physicochemical properties of various widely used and some experimental glass compositions. Numerous property and phase diagrams of glass compositions.

19. Zhuk, L.I., and K.K. Chekmareva and I.A. Demchuk, Engineers. The Effect of Freezing Out and Aging on the Properties of Ceramic Raw Material and Finished Articles 189

20. Zhuk, L.I., and V.V. Bukhovich and K.K. Shimanskiy, Engineers. The Effect of Additives of Ceramic, Gypsum and Ashes on the Physico-chemical Properties of a Ceramic Body and Drying Speed 155

AVAILABLE: Library of Congress

Card 5/5

28/mb/mal
9-13-60

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308310017-8

KISEL', I.I., kand.tekhn.nauk; CHEKMAREVA, K.I., inzh.; DEMCHUK, I.A., inzh.

Effect of aging and freezing on the properties of batch and ready products. Sbor. nauch. trud. Bel. politekh. inst. no.82:149-154 1960. (MIRA 15:5)

(Ceramics)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308310017-8"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308310017-8

CHEKMAREVA, L.S.

USSR/Pharmacology. Toxicology. Chemo-Therapeutical Pre- U-7
parations.

Abs Jour : Ref Zhur-Biol., No 7, 1958. 33051

Author : Chekmareva L. S.
Inst : Not given
Title : Sintomycin in the Therapy of Typhoid and Paratyphoid Fevers.

Orig Pub : Zdravookhr. Sov. Latvii, 11, 1954, 176-188

Abstract : No abstract.

Card 1/1

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308310017-8"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308310017-8

CHEKMAREVA, L. S.

USSR / Pharmacology, Toxicology. Chemotherapeutic Agents. U-7

Abs Jour : Ref. Zh.-Biol., No 2, 1958, No 8154

Author : Chekmareva, L. S.

Inst :

Title : Antibiotics in Diphtheria

Orig Pub : Vsb.: Zdravookhr Sov. Latvii. II Riga, 1954, 189-196.

Abstract : No abstract.

Card : 1/1

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308310017-8"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308310017-8

MARTYNOV, V.I.; SHILOV, B.M.; KARMANOV, V.V.; YEVSEYEVA, A.M.; LUKOMSKIY, I.K.; MIKHAYLOVA, T.N.; CHEKMAREVA, M.M.; VENGERSKAYA, S., tekhn.red.

[Soviet Daghestan in 40 years; statistical collection] Sovetskii Dagestan za 40 let; statisticheskii sbornik. Makhachkala, Gosstatizdat, 1960. 157 p. (MIRA 13:8)

1. Daghestan A.S.S.R. Statisticheskoye upravleniye. 2. Nachal'nik Statisticheskogo Upravleniya Dagestanskoy ASSR (for Martynov).
(Daghestan--Statistics)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308310017-8"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308310017-8

ALEKSEYEV, P.A., kand.tekhn.nauk; CHEKMAREVA, N.P., inzh.

Experimental railroad transportation of grapes. Khol.tekh. 40 no.6:41-43 N-D '63. (MIRA 17:4)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut kholodil'noy promyshlennosti (for Alekseyev). 2. Vsesoyuznyy nauchno-issledovatel'skiy institut zheleznodorozhnogo transporta (for Chekmareva).

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308310017-8

GUSEV, S., kand.tekhn.nauk; CHEKMAREVA, N., inzh.

Means of improving the hauling of meat. Mias. ind. SSSR 29 no.2:38-39 '58. (MIRA 11:5)

1.Vsesoyuznyy nauchno-issledovatel'skiy institut zheleznodorozhnogo transporta.
(Meat--Transportation)

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308310017-8

GUSEV, S.G., kand.tekhn.nauk; CHEKMAREVA, N.P., inzh.

Improving the transportation of meat. Zhel.dor.transp. 41 no.12:76 D '59. (MIRA 13:4)
(Meat--Transportation) (Refrigerator cars)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308310017-8"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308310017-8

CHEKMAREVA, N.P., insh.

Transportation of perishable goods in insulated containers. Trudy MIIT no.122:187-196 '59. (MIRA 13:5)
(Cold storage) (Containers) (Railroads--Freight)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308310017-8"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308310017-8

GURAL'NIK, M.; ROZENBERG, M.; CHEKMAREVA, N.P.

Transportation of perishable products in isothermal containers. Khol.tekh. 37 no.1:74-76 Ja-F '60. (MIRA 13:5)
(Food, Frozen--Transportation)
(Containers)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308310017-8"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308310017-8

CHEKMAREVA, N.P., inzh.

Experimental rail transportation of tomatoes. Khol.tekh. 39 no.6:50-52 N-D '62. (MIRA 15:12)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut zheleznodorozhnogo transporta.
(Tomatoes--Transportation)
(Refrigerator cars)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308310017-8"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308310017-8

ACC NR: AP7000674 (A) SOURCE CODE: UR/0066/66/000/011/0010/0011

AUTHORS: Shapovalenko, M. M.; Chekmareva, N. P.

ORG: All-Union Scientific Research Institute of Railroad Transportation (Vsesoyuznyy nauchno-issledovatel'skiy institut zheleznodorozhnogo transporta)

TITLE: Experimental shipments of cooled meat in the form of grade cuts

SOURCE: Kholodil'naya tekhnika, no. 11, 1966, 10-11

TOPIC TAGS: food preservation, low temperature transport, railway transportation

ABSTRACT: Experiments in shipping cooled meat in the form of well packed grade cuts rather than suspended on hooks in refrigerated cars are described. The experiments were undertaken by Vinnitsa and Kiev meat combines in transporting their product to Moscow, in the hope of reducing the weight of metallic equipment and making more efficient use of train space. The cut meat (at the temperature of 0 to 4C) was packed in polyethylene-lined wooden boxes in single layers which were also covered with polyethylene film. In an another test the cuts were wrapped individually in cellophane. On the average, 3 kg of cellophane or 7.5 kg of polyethylene were required per 1 ton of grade cuts. Organoleptic evaluation of the meat arriving at Moscow has shown it to be in satisfactory condition in all aspects. The loading capacity of the refrigerated cars was doubled by using this procedure. The cost of

Card 1/2 UDC: 637.513.82:656.225

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308310017-8

ACC NR: AP7000674

transportation of cooled meat cuts in refrigerator cars is lowered by 56% as compared with transportation in the hook-suspended form. The annual saving consists of 2 269 000 rubles per 100 000 tons of meat. Orig. art. has: 2 tables.

SUB CODE: 06/ SUBM DATE: none

Card 2/2

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308310017-8

CHEKMAREVA, P. P.

"Annealing Threaded Ends of Automobile Parts by Means of High Frequency Currents," Avt. Traktor. Prom., No.1, 1952

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308310017-8"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308310017-8

(N) L 12092-66 EWT(m)/EWP(w)/EWA(d)/T/EWP(t)/EWP(z)/EWP(b)/EWA(c) MJW/JD/HW

ACC NR: AP6000605 SOURCE CODE: UR/0129/65/000/012/0019/0024

AUTHOR: Chekmareva, P. P.

ORG: VNIIKIMASh

TITLE: Kh14G14N3T low-nickel austenitic steel

SOURCE: Metallovedeniye i termicheskaya obrabotka metallov, no. 12, 1965, 19-24

TOPIC TAGS: austenitic steel, phase analysis, martensitic transformation, nickel, saturation magnetization / Kh14G14N3T low-nickel austenitic steel

ABSTRACT: As revealed by studies of four laboratory and three industrial melts of Kh14G14N3T steel (0.04-0.13% C, 0.3-0.6% Si, 13.4-14.5% Mn, 13.9-14.8% Cr, 3.0-3.4% Ni, 0.21-0.50% Ti, 0.012-0.02% P, 0.018-0.06% S), this steel has an austenitic structure with a small content of α-phase; the amount of α-phase is determined by the ratio between the ferrite- and austenite-forming elements. At room temperature Kh14G14N3T steel displays higher strength properties than Kh18N9T stainless steel. Kh14G14N3T steel is satisfactorily weldable by any welding technique and may be recommended for the production of welding equipment operating under pressure at temperatures reaching -196°C. Prior plastic deformation (to 20%) increases the ultimate strength and, particularly, yield point of this steel without markedly reducing its plastic characteristics at low temperatures. A test for magnetic saturation in a 500-oe field revealed an increase to 982 gauss in after 20% deformation in specimens

Card 1/2 UDC: 620.193.41:669.14.018.8

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308310017-8

L 12092-66
ACC NR: AP6000605

with 498 gauss after hardening (heating to 1050-1080°C with water quenching); hence, martensitic transformation takes place under these conditions. The experimental use of Kh14G14N3T steel in the manufacture of regenerator housings showed that in its technological properties this steel does not differ from Kh18N9T steel. The welding, stamping and rolling of shells was carried out in the regimes employed to manufacture regenerator housings of Kh18N9T steel. Thus, the replacement of Kh18N9T steel with Kh14G14N3T steel will make it possible to considerably reduce the consumption of nickel and the production cost of equipment. Orig. art. has: 4 tables, 3 figures.

SUB CODE: 11, 13/ SUBM DATE: none/ ORIG REF: 002/ OTH REF: 000

Card 2/2

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308310017-8"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308310017-8

CHERKASHOVA, L. N.

USSR / Cultivated Plants. Cereal Crops. M-3

Abs Jour : Ref Zhur - Biologiya, No 13, 1958, No. 59599

Author : Khvostak, L. I.; Valitova'm, O. D.; Onis', O. A.; Dubinina, I. A.; Cherkashova, L. N.

Inst : Cherkassk. Pedagogical Institute

Title : Preliminary Data on High Yielding Interspecies of Hybrids of Corn, Produced at the Agrobiological Station of the Pedagogical Institute

Orig Pub : Nauch. Zap. Cherkass'k. derzh. ped. in-ta, 1957, 11, 301-311

Abstract : No abstract given

Card 1/1

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308310017-8

CHERNOSOV, N.

Let's teach the physically handicapped at home too. Prom. koop. 14 no.5:32 My '60. (MIRA 13:12)

1. Chlen arteli invalidov "Elektroizdeliya," Moskva.
(Vocational rehabilitation)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308310017-8"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308310017-8

TIMOFEYEV, V. N.; FEVRALEVA, I. A.; VAVILOVA, M. A.; Prinimali uchastiye:
GERASIMOV, G. I., laborant; RUZHENTSEVA, T. M., laborant;
CHEKMAYEVA, L. A., laborant; YASAKOVA, T. M., laborant

Investigating convective heat transfer to plates in a flow of gases. Sbor. nauch. trud. VNIIMT no.8:431-453 '62.
(MIRA 16:1)

(Heat—Convection) (Gas flow)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308310017-8"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308310017-8

LEVI, M.I.; CHEKOMASOVA, A.V.; VASIL'YEV, N.V.

Study of the possibility of increasing the viability and immunogenicity of living avirulent plague vaccine. Zhur.mikrobiol.epid. i immun. 31 no.8:105-111 Ag '60. (MIRA 14:6)

1. Iz Nauchno-issledovatel'skogo protivochumnogo instituta Kavkaza i Zakavkaz'ya, Stavropol'.
(PLAGUE)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308310017-8"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308310017-8

CHEKMAZOV, S.P., inzh.

Develop crushed stone production in all ways. Put' i put.khoz. no.1:7-8 Ja '59. (MIRA 12:2)
(Stone, Crushed) (Ballast (Railroads))

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308310017-8"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308310017-8

CHEKMAZOV, S.P., inzh.

Ways to cut the costs of crushed stone ballast. Put' i put. khoz. 5 no.3:27-28 Mr '61. (MIRA 14:3)
(Stone, Crushed)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308310017-8"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308310017-8

ACCESSION NR: AP4039717 S/0145/64/000/004/0030/0042

AUTHORS: Podchufarov, B. M. (Candidate of technical sciences, Docent); Chekmazov, V. I. (Engineer)

TITLE: On stationary state stability in a pneumatic servomechanism

SOURCE: IVUZ. Mashinostroyeniye, v. 4, 1964, 30-42

TOPIC TAGS: pneumatic servomechanism, power cylinder, pneumatic drive, momentum conservation laws, piston, valve, neutral state, stability criterion

ABSTRACT: The stability of the neutral (stationary) state in a pneumatic servomechanism (control signal $f(t) = 0$) was analyzed by considering the characteristic features of the flow processes in the power cylinder of the pneumatic drive. The mass and momentum conservation laws inside each compartment of the cylinder as well as the equations of motion for the piston and the value were written, and the neutral state of the servomechanism was defined by $dF/dt = 0$ (F = pressure p, specific weight γ, piston and valve coordinate X,x) and $d^2X/dt = d^2x/dt = 0$. A linear model was selected for the pneumatic system, and the stabili-

Card 1/2

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308310017-8

ACCESSION NR: AP4039717

ty criteria determined from the conditions

$$\left.\begin{array}{c} f_0(t)=0;\quad X_0=0;\quad x_0=0; \\ W_{10}=W_{20}=W_0;\ p_{10}=p_{20}=p_0; \\ \gamma_{10}=\gamma_{20}=\gamma_0. \end{array}\right\}$$

Two numerical examples were carried out. In one all of the coefficients in the equations defining the linear model were assumed positive, and in the other the coefficients were determined from an electrical analogy of the pneumatic servomechanism. Orig. art. has: 28 formulas and 8 figures.

ASSOCIATION: Tul'skiy mekhanicheskiy institut (Tula Mechanics Institute)

SUBMITTED: 21May63 DATE ACQ: 19Jun64 ENCL: 00

SUB CODE: AS NO REF SOV: 007 OTHER: 000

Card 2/2

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308310017-8"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308310017-8

CHEKMAZOV, V.I., assistent

Some problems in the dynamics of a pneumatic pressure regulator.
Izv. vys. ucheb. zav.; mashinostr. no.8:115-119 '65. (MIRA 18:10)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308310017-8"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308310017-8

ACC NR: AT6031180 (A) SOURCE CODE: UR/0000/66/000/000/0256/0265

AUTHOR: Baklanov, L. S.; Chekmanov, V. I.

ORG: None

TITLE: Stability of the statistical and dynamic characteristics of a pneumatic power control system

SOURCE: Teoriya mashin-avtomatov i pnevmo-gidroprivodov (Theory of automatic machinery and pneumatic and hydraulic drives); sbornik statey. Moscow, Izd-vo Mashinostroyeniye, 1966, 256-265

TOPIC TAGS: pneumatic control system, pneumatic servomechanism, control system stability

ABSTRACT: The authors study the effect of variations in the parameters of the compressed air supply on the basic characteristics of a pneumatic drive and closed power system. A schematic diagram of the pneumatic servomechanism is shown in the figure. The steady-state operating conditions of a pneumatic drive with a constant external power load are described by the mechanical characteristics, output power and efficiency. The stability of the mechanical characteristics is determined from the variation in the no-load speed and braking force. The stability of the power characteristics is evaluated from the variation in efficiency and output power. It is shown that the no-load speed is stable with respect to variations in pressure and that the braking force is

Card 1/2

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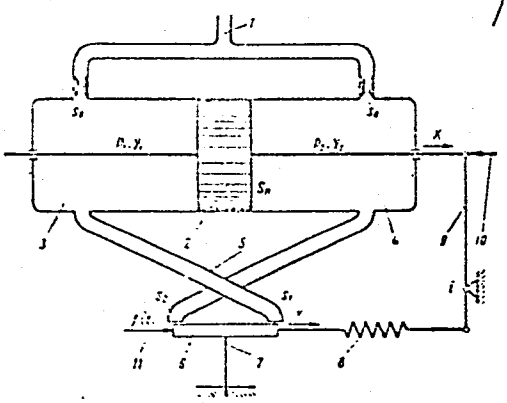
"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308310017-8

L 10262-67

ACC NR: AT6031186

stable with respect to variations in temperature. Graphs are given showing the efficiency as a function of load and the power characteristics for drives with various parameters. Expressions are derived which may be used in designing pneumatic control systems for selecting the parameters which give the required stability of static and dynamic characteristics and for determining the permissible range of variations in the parameters of the working fluid for given requirements with respect to the stability of static and dynamic characteristics of power control systems. Orig. art. has: 5 figures, 1 table, 20 formulas.



1,5--air lines; 2--piston; 3,4--first and second working cavities; 6--slide valve; 7--valve spring; 8--feedback spring; 9--feedback lever; 10--external load; 11--control signal

SUB CODE: 13/ SUBM DATE: 12Jan66/ ORIG REF: 003

Card 2/2

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308310017-8"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308310017-8

ODINTSOV, V., vrach; BORODACH, A., inzh.; CHEKMAZOVA, A., inzh.

Readers propose. Grazhd.av. 16 no.1:27-28 Ja '59. (MIRA 12:3)
(Aeronautics)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308310017-8"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308310017-8

MANUKYAN, A.A.; KULAGIN, V.G.; ALEKSANDROVSKAYA, L.I.; BELOUS, T.Ya.; BEL'CHUK, A.I.; VINTSER, Yu.I.; GRECHIKHIN, A.A.; ZHDANOVA, L.P.; KOVAL', V.V.; KODACHENKO, A.S.; KOSTKINA, V.A.; KOCHEVRIN, Yu.B.; KULIKOV, N.I.; MOKLYARSKIY, B.I.; NADEL', S.N.; PUDINA, K.V.; ROZENTAL', Ye.I.; RYDVANOV, N.F.; SVIRIDOVA, Z.P.; SIDOROV, V.F.; CHEBOTAREVA, Ye.A.; SHAPIRO, P.M.; SHVEDKOVA, V.M.; SHUMILIN, V.I.. Prinimali uchastiye: BRAGINA, Ye.A.; KRIVOROTCHENKO, A.K.; MARTINSEN, Z.A.; ROZHKOV, A.F.; SEGAL, Ya.Ye.; TARASOV, K.S.; TIMOSHKOVA, O.K.; CHEKMAZOVA, N.S.. ARZUMANYAN, A.A., red.; KOTKOVSKIY, Ya.Ya., red.; RUDCHENKO, F.M., red.izd-va; KUZ'MIN, tekhn.red.

(Continued on next card)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308310017-8"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308310017-8

MANUKYAN, A.A.---(continued) Card 2.

[Economic conditions of capitalist countries after the Second World War; statistical collection] Ekonomika kapitalisticheskikh stran posle Vtoroi Mirovoi voiny; statisticheskii sbornik. Moskva, Vneshtorgizdat, 1959. 1039 p. (MIRA 12:11)

1. Akademiya nauk SSSR. Institut mirovoy ekonomiki i mezhdunarodnykh otnosheniy. 2. Sotrudniki sektora kon"yunktury Instituta mirovoy ekonomiki i mezhdunarodnykh otnosheniy Akademii nauk SSSR (for Manukyan, Kulagin, Aleksandrovskaya, Belous, Bel'chuk, Vintser, Grechikhin, Zhdanova, Koval', Kodachenko, Kostkina, Kochevrin, Kulikov, Manukyan, Moklyarskiy, Nadel', Pudina, Rozental', Rydvanov, Sviridova, Sidorov, Chebotareva, Shapiro, Shvedkova, Shumilin). (Economic conditions)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308310017-8"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308310017-8

FADDEYEV, B.V., VASIL'YEV, M.V., PARFENOV, G.V., CHEKMENEV, A.M.

Use of conveyer haulage in the Second Kachkanar Mining and Ore Dressing Combine. Trudy Gor.-geol. inst. UFAN SSSR no.49:39-48 '60. (MIRA 13:8)

(Kachkanar--Mine haulage)
(Conveying machinery)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308310017-8"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308310017-8

CHERNYSHEV, D.I.

Biology of the demoiselle crane in central Kazakhstan. Trudy Inst. zool. AN Kazakh. SSR 13:142-147 '60. (MIRA 13:7)
(Akmolinsk Province--Cranes (Birds)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308310017-8"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308310017-8

CHEKMENEV, D.I.

Biology of the sociable plover. Trudy Inst. zool. AN Kazakh. SSR 15:143-146 '61. (MIRA 14:7)
(Tselinograd Province--Plovers)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308310017-8"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308310017-8

CHEKMENEV, D.I. [deceased]

Biological essays on birds nesting in colonies in Lake Tengiz. Trudy Inst. zool. AN Kazakh. SSR 24:65-82 '64.
(MIRA 17:12)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308310017-8"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308310017-8

MINAYEV, F.; CHEKMENEV, F., inzh.-mekhanizator; MERLYAN, I., starshiy inzh.

New automatic stacking device with a rotating adapter. Muk.-elev. prom. 26 no. 12:8-10 D '60. (MIRA 13:12)

1. Direktor Brattsevskoy bazy khleboproduktov (for Minayev).
(Grain elevators--Equipment and supplies)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308310017-8"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308310017-8

MINAYEV, F.; VAYNSHTEYN, L.; CHEKMENEV, F.

Truck transportation of flour [illegible] Moskovskaya. prom. 27 no.4:20-22 Ap '61. (MIRA 14:7)

1. Moskovskaya Brattsevskaya baza khleboproduktov.
(Flour—Transportation)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308310017-8"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308310017-8

CHEKMENEV, N.M.

GLUZMAN, I.S., kand.tekhn.nauk, red.; CHEKMENEV, N.M., inzh., red.; BOBROVA, Ye.N., tekhn.red.

[New methods in signal, central control, and blocking systems for railroads in other countries; a collection of articles] Novaia tekhnika STsB na zarubezhnykh zheleznykh dorogakh; sbornik statei. Moskva, Gos. transp.shel-dor. izd-vo, 1957. 129 p. (MIRA 11:5)
(Railroads)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308310017-8"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308310017-8

CHERKASOV, N.M.

ARSHAVSKIY, S.L.; BRYLEYEV, A.M.; MOZHAYEV, S.S.; SHISHLYAKOV, A.V.; CHERKASOV, N.M., redaktor, inzhener; BOBROVA, Ye.N., tekhnicheskiy redaktor.

[Automatic locomotive signaling of the continuous type having speed control developed by the Central Scientific Research Institute] Avtomaticheskaia lokomotivnaia signalizatsiia nepreryvnogo tipa s kontrolem skorosti sistemy TsNII. Moskva, Gos. transp. shel-dor. izd-vo, 1957. 136 p. (Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut zheleznodorozhnogo transporta. Trudy no.136). (MLRA 10:9)

(Railroads--Automatic train control)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308310017-8"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308310017-8

CHEKMENEV, N.M.

KRYLENKOV, Arkadiy Mikhaylovich, doktor tekhn. nauk; CHE[redacted]-inzh., red.; VERINA, G.P., tekhn. red.

[Coded rail circuits] Kodovye rel'sovye tsepi. Moskva, Gos. transp. zhel-dor. izd-vo, 1957. 162 p. (Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut zheleznodorozhnogo transporta. Trudy, no.144). (Electric railroads) (MIRA 10:12)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308310017-8"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308310017-8

CHEKMENEV, N.M.

BORISOV, D.P., doktor tekhn.nauk, prof.; KORNIYENKO, N.I.; MUZALEVSKIY, N.D.; PUSHKAREV, B.N.; CHEKMENEV, N.M., inzh., red.; BOBROVA, Ye.N., tekhn.red.

[Electric block centralization] Blochnaia elektricheskaia tsentralizatsiia. Moskva, Gos. transp. zhel-dor. izd-vo, 1957. 108 p. (Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut zheleznodorozhnogo transporta. Trudy, no.145). (MIRA 11:4)
(Railroads--Signaling--Block system)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308310017-8"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308310017-8

CHERNENKO, N.N.

MAZALOV, Andrey Trifonovich; GOLOVAN', Pavel Fedotovich; GONCHAROV, Pavel Nikolayevich; MASLOV, Aleksey Trofimovich; RAKITO, Eduard Iosifovich; CHERNENKO, N.M., inzhener, redaktor; VERINA, G.P., tekhnicheskiy redaktor

[Installation of automatic blocking apparatus and electric centralization] Montash ustroistv avtoblokirovki i elektricheskoi tsentralizatsii. Moskva, Gos.transp.shel-dor. izd-vo, 1957. 399 p. (MLRA 10:9)
(Railroads--Signaling--Block system)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308310017-8"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308310017-8

CHEKMENEV, N. M.

VAKHNIN, Mikhail Ivanovich; VLODAVSKIY, Moisey Il'ich; IL'YENKOV, Viktor Ivanovich; KOTLYARENKO, Nikolay Fedorovich; MAYSHEV, Petr Vladimirovich; BRYLEYEV, A.M., doktor tekhn.nauk, retsenzent; RAKITO, E.I., redaktor; CHEKMENEV, N.M., redaktor; VERINA, G.P., tekhnicheskiy redaktor.

[Automatic control and telemechanics for railroad lines] Avtomatika i telemekhanika na peregonakh] Avtomatika i telemekhanika na peregonakh. Pod obshchei red. M.I.Vakhnina. Moskva, Gos.transp.zhel-dor.izd-vo, 1957. 435 p. (MIRA 10:12)
(Railroads--Signaling--Block system)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308310017-8"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308310017-8

KAZAKOV, Aleksandr Aristarkhovich; CHERKASHIN, N.M., inzh., red.; BOBROVA, Ye.N., tekhn. red.

[Automatic block system, automatic locomotive signaling, and automatic stop] Avtoblokirovka, avtomaticheskaia lokomotivnaia signalizatsiia i avtostopy. Izd.3., perer. i ispr. Moskva, Gos. transp. zhel-dor. izd-vo, 1958. 407 p. (MIRA 11:9)
(Railroads--Signaling) (Railroads--Automatic train control)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308310017-8"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308310017-8

CHEKMENEV, N.M.

NEUGASOV, Nikolay Mikhaylovich, dots.; STEPANOV, Nikolay Mikhaylovich, insh.; NOVIKOV, Valentin Dmitriyevich, inzh.; RAKITO, E.O., red.; CHEKMENEV, N.M., red.; KHITROV, P.A., tekhn.red.

[Planning automatic block systems for railroad transportation] Proektirovanie avtomaticheskoi blokirovki na zheleznodorozhnom transporte. Moskva, Gos. transp. zhel-dor. izd-vo, 1958. 347 p. (MIRA 11:5)

(Railroads--Signaling--Block system)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308310017-8"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308310017-8

CHEKMENEV, N.M.

New books for signal and communication workers in 1959. Avtom., telem. i sviaz' 3 no.3:47-48 Mr '59. (MIRA 12:5)

1.Nachal'nik redaktsii literatury po avtomatike, telemekhanike i svyazi Transzheldorizdata.
(Bibliography--Railroads)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308310017-8"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308310017-8

CHEKMENEV, N.M.

New books for signal and communications workers. Avtom., telem. i sviaz'. 4 no.5:47-48 My '60. (MIRA 13:8)

1. Nachal'nik redaktsii literatury po avtomatike, telemekhanike i svyazi Transzheldorizdata.
(Bibliography—Railroads—Signaling)
(Bibliography—Railroads—Communication systems)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308310017-8"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308310017-8

CHEKMENEV, N.M.

To be published in 1961. Avt., telem. i sviaz' 5 no.1:46-47 Ja '61.
(MIRA 14:3)

1. Nachal'nik redaktsii literatury po avtomatike, telemekhanike i svyazi Transzheldorizdata.
(Bibliography--Railroads--Signaling)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308310017-8"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308310017-8

CHEKMENEV, Nikolay Modestovich; KRIVOBOKOV, Ivan Andreyevich, inzh.; CHEREDKOV, Mikhail Nikolayevich, inzh.; KAZAKOV, A.A., kand. tekhn. nauk, retsenzent; MEL'NIKOVA, V.I., inzh., retsenzent; KHOMYAKOVA, Z.P., tekhn., retsenzent; MARENKOVA, G.I., inzh., red.; USENKO, L.A., tekhn.red.

[Signaling systems, their installation and maintenance] Ustroistva STsB, ikh montazh i soderzhanie. Moskva, Transzheldorizdat, 1962. 412 p. (MIRA 15:11)

(Railroads--Sginaling--Block system)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308310017-8"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308310017-8

CHEKMENEV, N.M.

Technical literature for signaling and communications workers.
Avtom., telem.i svias' 6 no.4:46-47 Ap '62. (MIRA 15:4)

1. Nachal'nik redaktsii literatury po avtomatike telemekhanike i svyazi Gosudarstvennogo transportnogo zheleznodorozhnogo izdatel'stva.
(Bibliography--Railroads--Signaling)
(Bibliography--Railroads--Communication systems)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308310017-8"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308310017-8

KOSOROTOV, Nikolay Grigor'yevich; SAFARGALIN, Nurley Gazizulinovich; FISHBEYN, Yuliy Yakovlevich; CHEKMENEV, N.M., red.

[Centralized traffic control; experience of the Kazakhstan Railroad in its design, planning, construction and operation] Dispetcherskaya tsentralizatsiia; opyt proektirovaniia, stroitel'stva i ekspluatatsii Kazakhskoi zh.d. Moskva, Transport, 1965. 102 p. (MIRA 18:2)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308310017-8"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308310017-8

CHEKMENEV V.F.

117-58-5-14/24

AUTHOR: Kurochkin, V.D., Chekmenev, V.F. and Lezhnev, A.G.

TITLE: Grinding of a Cutting Instrument by Means of a Multiple Thread Grinding Wheel (Shlifovaniye rez'bovogo instrumenta mnogozakhodnym shlifoval'nym krugom)

PERIODICAL: Mashinostroitel', 1958, Nr 5, pp 30-32 (USSR)

ABSTRACT: For the sake of economy and efficiency, the cutting of interior and exterior threads is being done at present on taps, gauges and multi-thread rollers by means of multiple-thread grinding wheels. In accordance with the new technology, thread-cutting instruments up to a pitch of 2 mm are cut with a multiple-thread grinding wheel. Grinding is done in two operations requiring 2 wheels. For the preliminary cut, a grinding wheel of a slightly softer metal is used as compared with that of the final grinding. Thread-cutting on taps M6x1, M8x1.25 and M10x1.5 is done in two passes and on taps M12x1.25, M12x1.75, M14x2, M16x1.5 and M16x2 in three passes (2 preliminary and 1 final). Grinding wheels are provided with multiple thread by means of rollers with annular thread. The rollers are made from carbon steel U8A, U10A and U12A. The rollers are subjected to a thermal

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Grinding of a Cutting Instrument by Means of a Multiple Thread Grinding Wheel

treatment to a hardness degree of R_B= 58 - 62. The rollers themselves in the course of production get a preliminary thread cut with a multiple thread grinding wheel and are finished with a single thread grinding wheel. For cutting annular thread, a special device on the adjusting plate of the screw cutting lathe is used. It serves to fix the required thread pitch (see figure 2). The rolling-on of thread on a multiple thread grinding wheel requires 15-20 minutes; the speed of rotation of the grinding wheel is thereby cut down to 1.8 m/sec. Efficiency in tap thread-cutting by means of multiple-thread grinding wheels has increased "more than twice". Figure 3 shows sets of thread-cutting instruments ground by this new method. There are 3 figures and 2 tables.

AVAILABLE: Library of Congress

Card 2/2 1. Cutting tools—Grinding processes

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308310017-8

CHEKMENEV, V.T.; KOSTYGOV, V.I.

Universal device for electricians. Prom.energ. 17 no.4:28-29 Ap '62. (MIRA 15:4)
(Electric meters)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308310017-8"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308310017-8

KUDRYASHOV, G.F., inzh.; CHEKMENEV, Ye.G., inzh.

"Internal combustion engines" by IU.B.Margulis. Reviewed by G.F.Kudriashov, E.G.Chekmenev. Energomashinostroenie 8 no.2:45-46 F '62. (MIRA 15:2)
(Gas and oil engines--Design and construction)
(Margulis, IU.B.)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308310017-8"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308310017-8

CHERMENNY, Yevgeniy Mikhaylovich; POLYAKOVA, N., redaktor; TROYANOVSKAYA, N., tekhnicheskiy redaktor

[Five-year plan for a great expansion of agriculture] Piatiletka krutogo pod"ema sel'skogo khoziaistva. Moskva, Gos. izd-vo polit. lit-ry, 1956. 111 p. (MLRA 10:1)
(Agriculture)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308310017-8"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308310017-8

MATSKEVICH, V.V., LOBANOV, P.P., CHERMENEV, Ya.M., SKRYABIN, K.I., LOZA, G.M., POPOV, I.S., PEROV, S.S., SINYAGIN, I.I., YAKUSHKIN, I.V., NIKOLAYEV, A.I., ROSTOVTSEV, N.F., YUDIN, V.M., POPOV, N.F., RED'KIN, A.P., SMETNEV, S.I.

E.F.Liskun. Dokl. Akad. sel'khoz. 23 no. 5:48 '58. (MIRA 11:8)
(Liskun, Efim Fedotovich, 1873-1958)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308310017-8"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308310017-8

ACC NR: AP6013415 (A) SOURCE CODE: UR/0317/65/000/009/0054/0059

AUTHOR: Petrov, S.(Maj. Gen. in engineering-technical corps); Chekmenev, Ye. (Col.)

ORG: none

TITLE: Knowledge and skill [Operation and maintenance of gas and diesel electric power generator equipment]

SOURCE: Tekhnika i vooruzheniye, no. 9, 1965, 54-59

TOPIC TAGS: diesel engine, power supply, military training, electric generator, equipment preservation technique

ABSTRACT: The article deals with the operation and maintenance of military power units, primarily gas and diesel electric generating sets, setting forth a number of general principles and guide-lines for the proper care of this equipment. Problems relating to adequate service personnel training, repair schedules, and servicing procedures are discussed for a number of equipment types, including the UD-1 and UD-2 gas engines, the GAZ-MKB and GAZ-322 power generating sets, diesel generators AD-50, AD-75, 1D-6-100AD, 1D-6-150AD, D-40A, YaAZ-204G, Ch-8.5/11, D-6, D-12, etc. Proper use of the ZIP No. 1 and ZIP No. 2 spare-part-and-repair-kits for inhouse maintenance by the troops is discussed, and pertinent recommendations are made. Temperature, pressure, warm-up, and load operating conditions for specific equipment types, and frequent causes of failure are discussed. Lubrication specifications are given and

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ACC NR: AP6013415

the use of electric generating sets in association with transport vehicles, such as the 1AP-1.5 trailer and the KRAZ-219 and Ural-375 trucks is considered. Personnel safety considerations are discussed, and the design, principle of operation, and use of continuous insulation monitoring devices (PKI for diesel electric sets and megommeters M-143 for the gas variety) are analyzed. Orig. art. has: 2 figures.

SUB CODE: 10/ SUBM DATE: none/ ORIG REF: 001

Card 2/2

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308310017-8"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308310017-8

CHEKMENEV, Ye.Ye.

LEBEDEV, V.P., inzhener; CHEKMENEV, Ye.Ye., inzhener

New gasoline engines of the UD series. Sel'khozmashina no.8:24-25 Ag'55. (MLRA 8:11)

(Gas and oil engines)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308310017-8"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308310017-8

110-58-6-11/22

AUTHORS: Stolbovskiy, V.V., Engineer and Chekmenev, Ye.Ye., Engineer

TITLE: The Selection of (Petrol) Engines for Generating Sets (Vybor pervichnykh dvigateley dlya elektroagregatov pitaniya)

PERIODICAL: Vestnik Elektropromyshlennosti, 1958, [illegible], Nr 6, pp 48 - 53 (USSR).

ABSTRACT: A standard series of generating sets is being developed; 13 sets cover the range 0.5 to 200 kW; those up to 8 kW, with which this article is concerned are driven by petrol engines and the rest by diesels. This article discusses the selection of the standard prime movers. The relationship between the rated outputs of the engine and generator is discussed at length, and the amount of spare engine capacity that should be allowed is considered. Data of the effect of altitude on engine output are given in Table 1. As standard automobile engines are not suited to this continuous service at fixed speed, special engines will be developed and mass produced. The life of the engines is discussed. The different definitions of overload-capacity for engine and generator are explained. Efficiency data on standard engines that have been developed or

Card 1/2

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The Selection of (Petrol) Engines for Generating Sets

are under development are given in Table 2. Efficiencies are of the order of 70%. In this article little useful information is given at great length.
There are 2 tables.

SUBMITTED: November 17, 1957

1. Internal combustion engines--Performance

Card 2/2

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308310017-8

CHEKMENEV, V.P. Ye.

PHASE I BOOK EXPLOITATION SOV/5139

Abrikosov, S. V., A. P. Alekseyev, M. M. Zotov, G. F. Kudryashov, F. I. Lapov, V. F. Lebedev, and Ye. Ye. Chekmenev

Benzoelektricheskiye i dizel'-elektricheskiye agregaty moshchnost'yu ot 0.5 do 400 kvt; spravochnik (Gasoline- and Diesel-Engine Electric Generating Sets, 0.5 to 400 kw Capacity; Handbook) Moscow, Mashgiz, 1960. 543 p. Errata slip inserted. 7,000 copies printed.

Ed. (Title page): V. P. Lebedev, Engineer; Reviewer: Ye. A. Meyerovich, Engineer; Ed. of Publishing House: V. I. Rybakova; Tech. Ed.: Z. F. Sokolova; Managing Ed. for Information Literature: I. M. Monastyrskiy, Engineer.

PURPOSE: This handbook is intended for technical personnel concerned with the design and operation of electric generating sets.

COVERAGE: The handbook contains technical data on gasoline- and Diesel-engine electric generating sets with a capacity of 0.5 to 400 kw. Prime movers, electric generators, and electrical

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equipment, as well as the materials required for the selection and designing of generating sets are discussed. The handbook also gives information on the basic requirements for the operation of the sets and on the automation of their control. No personalities are mentioned. There are 34 references, all Soviet.

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Ch. II. Diesel-Engine Generating Sets 22
Technical data 22
Structural designs

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PLOTITSYN, S.I.; KUDRYASHOV, G.F., inzh., retsenzent; CHERMENEV, Ye.Ye., inzh., retsenzent; BULATOV, S.I., red. izd-va; SMIRNOVA, G.V., tekhn. red.

[D 19/30 medium power diesel engines]Dizeli srednei moshchnosti D 19/30. Moskva, Mashgiz, 1962. 195 p. (MIRA 15:9)
(Diesel engines)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308310017-8"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308310017-8

GENKIN, Karp Isaakovich; CHEKMENEV, Ye.Ye., inzh., retsenzent; KUDRYASHOV, G.F., inzh., retsenzent; BULATOV, S.I., red. izd-va; DEMKINA, N.F., tekhn. red.

[Gas engines]Gazovye dvigateli. Moskva, Mashgiz, 1962. 114 p. (MIRA 15:10)

(Gas and oil engines)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308310017-8"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308310017-8

ALEKSEYEV, A.P.; CHEKMENEV, Ye.Ye.; RADIN, V.I., kand.tekhn.nauk, retsenzent; SAVEL'YEV, Ye.Ya., red.; SOKOLOVA, T.F., tekhn. red.

[Electrical machinery with carburetor engines] Elektroagregaty s karbiuratornymi dvigateliami. Moskva, Mashgiz, 1963. 294 p. (MIRA 16:11)
(Diesel electric power plants)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308310017-8"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308310017-8

KUDRYASHOV, G.F., inzh.; CHEKMENEV, Ye.Ye., inzh.; NOVELL, N.V., kand. tekhn. nauk, retsenzent; SAVEL'YEV, Ye.Ya., red.

[Automated diesel electric power plants] Avtomatizirovannye dizel'nye elektroagregaty. Moskva, Izd-vo "Mashinostroenie," 1964. 350 p. (MIRA 17:5)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308310017-8"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308310017-8

CHEKMENEV, Yu.A.

Factors influencing the quality of mechanically stripped cotton. Sel'khozmashina no.1:11-13 Ja '54. (MLRA 7:1)
(Cotton-picking machinery)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308310017-8"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308310017-8

CHERKASOV, Ye. M.

Chf., Main Administration of Erosion Control Forestation, USSR Coun. of Min.

"Before the Great Attack", Ogonyok, 1949

Cur. Dig. of Sov. Press, Vol. 1, No. 19, 1949, page 11

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308310017-8"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308310017-8

YAKIMOV, P.A.; GORSHKOV, B.G.; LEBEDEV, N.A.; CHEKMEZOVA, O.V.; PETROVA, E.B.; PODMOSTKOVA, V.A.; VITUSHKINA, A.T.

Utilization of starch-potato media in the production of penicillin. Trudy Len.khim.-farm.inst. no.15:69-74 '62. (MIRA 15:11)

1. Kafedra tekhnologii antibiotikov (zav. - prof. P.A.Yakimov) Leningradskogo khimiko-farmatsevticheskogo instituta i Krasnoyarskiy zavod meditsinskikh preparatov (dir. - B.G.Gorshkov).
(PENICILLIN)
(BACTERIOLOGY--CULTURES AND CULTURE MEDIA)

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308310017-8

CHEKMIN, I. F., KONAREV, V. G., YELSAKOVA, G. N., POLOVYANYUK, A. F.
(USSR)

"The State of Nucleic Acids in the Plant Cell."

Report presented to the 5th International Biochemical Congress,
Moscow, 10-16 August 1961

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308310017-8

ACCESSION NR: AP4018165 S/0191/64/000/003/0038/0040

AUTHORS: Frolova, M.I.; Yefimov, L.I.; Chekmodeyeva, I.V.

TITLE: Aging of polymethylmethacrylate organic glass under the influence of radiation by erythematous lamps.

SOURCE: Plasticheskiye massy*, no.3, 1964, 38-40

TOPIC TAGS: Polymethylmethacrylate, plasticized polymethylmethacrylate, unplasticized polymethylmethacrylate, extinction coefficient, transmission coeffecient, tensile strength, impact strength

ABSTRACT : The coefficient of extinction of unplasticized polymethylmethacrylate, (PMMA), organic glasses in the ultraviolet spectral range increases during the first 200 hours of irradiation with erythematous lamps, after which it decreases slowly. In plasticized PMMA organic glasses the coefficient of transmission after 200 hours irradiation by 300 millimicron waves becomes so small that the glass can be considered opaque. The tensile strength and the specific impact strength of dibutylphthalate plasticized PMMA is greatly re-

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ACCESSION NR: AP4018165

duced under the influence of radiation of erythematous lamps, while the changes in these properties are insignificant in unplasticized glass. "C.A. Babayeva participated in the experimental part of the work." Orig. art. has: 2 figures and 2 tables.

ASSOCIATION: None

SUBMITTED: 00	DATE ACQ: 27Mar64	ENCL: 00	
SUB CODE: CH	NR REF SOV: 005	OTHER: 001	

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308310017-8

CHEKHOTAYEVA, Ye.M., inzh.

Traction characteristics of French electric locomotives and improvements in their mechanical design. Zhel.dor.transp. 41 no.3:84-88 Mr '59. (MIRA 12:6)
(France—Electric locomotives)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308310017-8"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308310017-8

CHEKMOTAYEVA, Ye.M., inzh.

Improvement of the traction characteristics of French electric locomotives. Zhel.dor.transp. 42 no.7:90-91 Jl '60. (MIRA 13:7)
(France--Electric locomotives)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308310017-8"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308310017-8

CHEKMOTAYEVA, Ye.M., inzh.; CHUKVYSHKINA, S.M., inzh.; KHATUNTSEVA, T.N., inzh.

Power engineering in the Rumanian People's Republic. Energokhoz. za rub. no.6:1-5 N-D '60. (MIRA 14:3)
(Rumania—Electric power)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308310017-8"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308310017-8

CHEKNAREV, I.B.

10(3,4) PHASE I BOOK EXPLOITATION SOV/3193

Leningrad. Politekhnicheskiy institut imeni M.I. Kalinina

Trudy, no. 198) Tekhnicheskaya gidromekhanika (Industrial Hydromechanics) Moscow, Mashgiz, 1958. 220 p. Errata slip inserted. 1,500 copies printed.

Resp. Ed.: V.G. Smirnov, Doctor of Technical Sciences, Professor; Ed. of this book: L.G. Loytsyanskiy, Doctor of Physical and Mathematical Sciences, Professor; Managing Ed. for Literature on the Design and Operation of Machinery (Leningrad Division, Mashgiz): F.I. Petrov, Engineer; Tech. Ed.: E.S. Pol'skaya.

PURPOSE: This book is intended for engineers working in the field of machine construction.

COVERAGE: This collection of articles contains the results of original work in the field of theoretical and applied hydromechanics, completed in the aerodynamics laboratory of the LPI (Leningrad Polytechnic Institute) by members of the department of hydroaerodynamics and the department of theoretical mechanics. The book is divided into four parts. The first part contains studies of turbine steam-exhausts. The first article gives the results of a laboratory study on model-experiments on a test-stand and the general conclusions drawn therefrom. The second part contains articles on the theory of laminar and turbulent motion of a viscous fluid. The articles treat the hydrodynamic theory of friction in bearings and suspensions, boundary layers and jets, the initial part of a pipe in the presence of vortex, and the motion of air under the action of a corona conductor. The articles in the third part belong to the field of applied hydrodynamics. One of the articles is a theoretical and experimental study of flow around the parts of a radar antenna. The second article contains the results of aerodynamical analyses of fisherboat models. The fourth part of the book contains the results of laboratory experiments on establishing new methods of aerodynamical measurements (friction forces on the surface of a streamlined body, pressure distributions on the surface of a body). References accompany individual articles.

Ovchinikov, O.N. Initial Section in a Cylindrical Pipe in the Presence of Vortex
1. Derivation of the approximate equations of motion 160
2. Integration of the equations of motion 160
3. A study of the nature of the flow in a cylindrical pipe 162
4. The flow of a viscous liquid in a rotating pipe 165
Chekmarev, I.B. Lateral Pressure Gradient in an Unbounded Cross-Converting Pipe in the Presence of an Axial Smooth Corona Conductor 167
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PART THREE. APPLIED HYDRODYNAMICS

Aliyev, R.S. Approximate Aerodynamic Theory of a Grated Antenna Reflector 175
Aliyev, R.S. On Modelling the Motion of a Trawling Net 182

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308310017-8"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308310017-8

CHIKIN, S.Ya.; CHEKNEV, B.M. (Moskva)

Care of the Soviet state for the nationalities of the Far North.
Sov. med. 26 no.1:137-141 Ja '65. (MIRA 18:5)

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CHEKNOV, O.S.

2

S/080/62/035/001/003/013
D245/D304

AUTHORS: Anokhin, V. N., Mukhlenov, I. P., Traber, D. G., Chek-nov, O. S., Shekun, B. N., and Khiterer, R. Z.

TITLE: Study of the ammonia synthesis in a suspended catalyst layer

PERIODICAL: Zhurnal prikladnoy khimii, v. 35, no. 1, 1962, 37-42

TEXT: The authors studied NH_3 synthesis using a suspended layer of activated Fe catalyst (type ГК-1 (GK-1)) with an average particle diameter of 0.18 mm. The temperature dependence of the reaction rate was found to conform to the Arrhenius equation and the activation energy of the catalyst was calculated to be 41,000 kcal/kg-mole., which is in agreement with results obtained by other workers. At pressures of 100, 200 and 300 atm., and over the temperature range studied (400 - 560°C) the reaction rate depended considerably on the grain size of the catalyst. The linear rate of gas flow also affected the degree of uniformity of mixing the gaseous and fluidized catalyst phases and, accordingly, the reaction rates.

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308310017-8

GUZHIYENKO, G.N., kand med. nauk; CHEKODANOVA, M.M.

Treatment of skin manifestations of an exudative and catarrhal diathesis with sodium salicylate. Pediatriia 36 no.11:7-11 N '58. (MIRA 12:8)

1. Iz kafedry detskikh bolezney Voyenno-meditsinskoy ordena Lenina akademii im. S.M. Kirova (nachal'nik - deystvitel'nyy chlen AMN SSSR, zasluzhennyy deyatel' nauki, prof. M.S. Maslov).

(SKIN--DISEASES) (SODIUM SALICYLATE--THERAPEUTIC USE)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308310017-8"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308310017-8

TRUSH, A., shofer; CHEKOLOVSKIY, L., shofer

Our experience in prolonging the life of the engine of the ZIL-127 motorbus. Avt.transp. 38 no.6:11 Je '60. (MIRA 14:4)

1. 105-ya avtokolonna Krasnodarskogo avtotresta.
(Motorbuses—Engines)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308310017-8"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308310017-8

YAKOVLEV, N.F., dotsent; PUSHKEVICH, A.O., dotsent [deceased];
CHEKOL'SKIY, S.L., insh.

Comments on I.N. Sushkin's book "Fundamentals of heat engineering".
Izv.vys.ucheb.zav.; energ. 3 no.4:146 Ap '60.
(MIRA 13:6)

1. Belorusskiy lesotekhnicheskiy institut imeni S.M.Kirova.
(Heat engineering) (I.N. Sushkin)

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L 13272-66 EWT(m)/EWA(d)/EWP(v)/T/EWP(t)/EWP(k)/EWP(z)/EWP(b)/EWA(h)/EWA(c)
ACC NR: AP6002908 JD/HM SOURCE CODE: UR/0286/65/000/024/0073/0073

INVENTOR: Medovar, B. I.; Borzdyka, A. M.; Latyshov, Yu. V.; Pinchuk, N. I.; Chekotilo, L. V.; Topilin, V. V.

ORG: none

TITLE: Weldable heat-resistant steel. Class 40, No. 177079

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 24, 1965, 73

TOPIC TAGS: steel, heat resistant steel, chromium containing steel, nickel containing steel, tungsten containing steel, titanium containing steel, manganese containing steel

ABSTRACT: This Author Certificate introduces a weldable, heat-resistant steel with increased resistance to local failure of welded parts. The steel contains 0.08% max carbon, 0.5% max silicon, 0.5—1.0% manganese, 14.5—16.5% chromium, 23—25% nickel, 4.0—5.0% tungsten, 1.5—2.0% titanium, 0.4—0.7% boron, and 0.02% max sulfur. [AZ]

SUB CODE: 11/ SUBM DATE: 25Apr64/ ATD PRESS: 4185

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L 43928-66 EWT(m)/EWP(v)/T/EWP(t)/ETI/EWP(k) IJP(c) JD/HW/WB/

ACC NR: AP6027432 SOURCE CODE: UR/0125/66/000/007/0054/0057

51 B

AUTHOR: Chekotilo, L. V.; Artamonov, V. L.; Orlov, V. A.

ORG: [Chekotilo, Artamonov] Electric Welding Institute im. Ye. O. Paton, AN UkrSSR (Institut elektrosvarki AN UkrSSR); [Orlov] First State Bearing Plant (Pervyy gosudarstvennyy podshipnikovyy zavod)

TITLE: Submerged-arc welding of oxidation-resistant austenitic Kh25N20S2 steel and Kh18N35S3 alloy

SOURCE: Avtomaticheskaya svarka, no. 7, 1966, 54-57

TOPIC TAGS: alloy, austenitic steel, chromium [redacted] steel, [redacted] nickel alloy, [redacted] resistant steel, metal welding/Kh25N20S2 steel, Kh18N35 alloy

ABSTRACT: Automatic submerged-arc welding of oxidation-resistant Kh25N20S2 steel and Kh18N35S3 alloy (both are susceptible to hot cracking owing to a high silicon content) can be done sucessfully with EP532(Kh25N20SRI) electrode wire containing 2.5—3% silicon and 0.4—0.7% boron and an ANF-22 flux. The wire should be 2.0—2.5 mm in diameter. For wires with a boron content over 0.5%, ANF-23 flux should be used. To reduce further the weld cracking, preheating to 200—250C is recommended. The joints welded with EP532 wire possess a fairly high heat resistance. For instance, the rupture life at 900C of Kh25N20S2 alloy welds austenized at 1100C and aged at 750C for 5 hr was 177 hr under a stress of 2.5 kg/mm^2 and 705 hr under a stress of 2 kg/mm^2. Due to a high silicon content in EP532 wire, the welds are not susceptible

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ACC NR: AP6027432

to carburization and are oxidation resistant at high temperatures. The new method of automatic welding has been successfully introduced in the industry. Orig. art. has: 4 figures and 4 tables. [TD]

SUB CODE: 11, 13/ SUBM DATE: 13Jan66/ ORIG REF: 004/ ATD PRESS: 5060

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308310017-8

CHEKOTILLO, A.

Plan elektrifikatsii zheleznykh dorog SSSR na 1932-1933 gg. [Electrification plan for the railroads of the U. S. S. R. for 1932-1933]. (Sots. transport, 1931, no. 7-8, p. 17-27).
DLC: HE7.S6

SO: Soviet Transportation and Communications, A Bibliography, Library of Congress Reference Department, Washington, 1952, Unclassified.

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308310017-8"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308310017-8

CHEKOTILLO, A. M.

Standartizatsiia na shel-dor. transporte v 1934 g. [Standartization in railroad transportation in 1934]. (Sots. transport, 1934, no. 2, p. 86-96).
DLC: HE7.S6

SO: SOVIET TRANSPORTATION AND COMMUNICATIONS, A BIBLIOGRAPHY, Library of Congress Reference Department, Washington, 1952, Unclassified.

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308310017-8"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308310017-8

CHEKOTILLO, A. M.

Razukrupnenie zheleznykh dorog. [Subdivision of railroads into smaller units]. (Sots. transport, 1936, no. 3, p. 77, map).

DLC: HE7.S6

SO: SOVIET TRANSPORTATION AND COMMUNICATIONS, A BIBLIOGRAPHY, Library of Congress Reference Department, Washington, 1952, Unclassified.

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308310017-8

CHEKOTILLO, A. M.

"Investigation of Methods of Protecting Railtoads and Vehicular Roads Against Ice Layers," a dissertation presented on 22 May 1946 at Leningrad Inst. of Railroad Transport Engineers.

Vestnik AS USSR 8/9, 1946

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308310017-8

CHEKOTILLO, A. M. PA40T76

USSR/Permafrost Jan 1946
Hydrography

"Combating Ice Covers (Naledy)," A. M. Chekotillo, 9 pp

"Priroda" No 1

The permafrost layer can cause many hardships. Similarly ice covers can cause much damage, especially in rivers. In the latter case, care must be taken to prevent serious damage to bridge supports. Article discusses various methods of guaranteeing the free flow of water under the ice cover, by insulating the top surface of the ice with moss, earth, piled-up snow, or the formation of a layer of air between the lower surface of the ice and the top surface of the water flow. LC 40T76

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